

In silico study of *Plasmodium* 1-deoxy-d-
xylulose 5-phosphate reductoisomerase
(DXR) for identification of novel inhibitors
from SANCDB

A thesis submitted in partial fulfilment of the requirements for the degree

of

Master of Science in Bioinformatics and Computational Molecular Biology

(Coursework and Thesis)

of

RHODES UNIVERSITY, SOUTH AFRICA

Research Unit in Bioinformatics (RUBi)

DEPARTMENT OF BIOCHEMISTRY and MICROBIOLOGY

Faculty of Science

by

Bakary N'tji Diallo

January 2018